

***FSA Modernization Program***  
**United States Department of Education**  
**Federal Student Aid**



**Single Sign-On  
Implementation Plan**

**Task Order #82  
Deliverable #82.1.5**

**Final**

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## Document Revision History

Version No.	Date	Author	Revisions Made
1.0	May 17, 2002	Michael Bruce	Initial draft released
1.1			Revised draft released
1.2			Final draft released

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## **Single Sign-On Preliminary Implementation Plan Recommendation**

### **GENERAL DESCRIPTION**

The next phase for FSA's Single Sign-On effort is expected to be Phase III – Development and Deployment. This phase of the effort will include solution acquisition, detailed design, development, testing, and deployment of the Single Sign-On service.

Attached is a preliminary recommendation for a single sign-on implementation. At this point, a preliminary recommendation for a project plan has been developed due to the following circumstances:

- Although the Single Sign-On IPT has made a product recommendation, this choice has not yet been approved by FSA's Management Council
- FSA has yet to approve the business case and funding for Phase III of the Single Sign-On effort
- Although the Management Council asked the IPT to identify solutions to provide access control services to COD, eCB, NSLDS, GAPS/FMS, and CPS, the IPT recommends that this service be implemented initially for new or modernized applications that have yet to be specified.

The attached project plan shows completed tasks for Phase I, completed and in-process tasks for Phase II, and a recommended plan for Phase III. The Phase III tasks identified in the project plan are described below.

### **PROJECT MANAGEMENT**

The project manager will develop and review the project plan with the FSA project manager and the IPT. This discussion will happen at the beginning of the project and will serve as the detailed plan of how to carry out Phase III of the initiative. Major milestones, activities, meetings, and deliverables will be agreed-upon by both sides. The project plan will then serve as a way to keep key activities and tasks in a structured, time-line associated fashion. This will be a working document that will be updated periodically but base-lined at the outset of the project.

Progress reports will be prepared and delivered to the FSA project manager and sponsor on a weekly basis. Included in these reports will be a list of the major milestones, activities completed this period, activities to be completed next period, open

project issues and concerns, and unresolved project issues and concerns. These reports will proactively serve as a way to facilitate discussion between the development project manager and FSA regarding the progress of the project.

Additionally the project team will participate in presentation and updates to various FSA groups, including: Management Council, Senior Leadership, Architecture Working Group/Architecture Support Group, Decision Support Group, Channel Executives, and FSA School/Financial Partner/Student customers at conferences and other forums.

### **DETAILED DESIGN OF SINGLE SIGN-ON SERVICE**

The detailed design phase will be divided into three distinct parts:

- 1) Design of Identification & Authentication and other login and user management services;
- 2) Design of Directory/User Credential store services; and
- 3) Design of supporting business processes.

### **DEVELOP AND DEPLOY RELEASE 1.0 AND RELEASE 1.5**

The next step in the process is to develop, test, and certify the Single Sign-On service. The main activities of this task will be integrate the selected product/service, develop custom code and/or scripts, and integrate the service to FSA's ITA for the single sign-on services as necessary (based upon the procured product/service). These activities will depend on the development efforts of the Modernization Partner, professional services support from the product/service vendor selected, and operational support from the VDC. The end deliverable at this point will be an approved and certified baseline/release 1.0 single sign-on service, ready for deployment. Yet to be determined, is the specific system(s) to be enabled in this first release.

The Certification and Accreditation (C & A) process will begin at the outset of development. The main activities will be to conduct the necessary meetings and to meet with the FSA's assigned System Security Officer (SSO) and Security Policy group. The SSO will assist the project through the Security Certification and Accreditation process. The main C&A tasks are to complete a system security plan, risk assessment, disaster recovery/continuity of operation plan, and to work with the SSO and Program Manager to get final C&A approval.

The testing sequence will be as follows: 1) Product test, 2) Performance Test, and 3) Customer Acceptance Test (CAT). The deliverable will be the test results document.

Upon a successful production readiness review, the service will become operational. The project team will support the deployment of the service to FSA systems users, provide application maintenance support during the initial period of deployment, and assist transition of application maintenance support to the appropriate FSA operating partner as required.

## **APPENDIX A: PRELIMINARY PROJECT PLAN RECOMMENDATION FOR SINGLE SIGN-ON**

The following MS Project Plan provides a draft work breakdown for the single sign-on Phase I, Phase II, and recommended Phase III efforts from project initiation through rollout of the Release 1.5 of the initial service.